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ALL CORP. COMMISSION  
DOCKET CONTROL

BEFORE THE ARIZONA CORPORATION COMMISSION

RAYMOND R. PUGEL AND JULIE B.  
PUGEL, husband and wife as trustees of THE  
RAYMOND R. PUGEL and JULIE B. PUGEL  
FAMILY TRUST,  
and  
ROBERT RANDALL and SALLY RANDALL,  
husband and wife  
Complainants,  
v.  
PINE WATER COMPANY, an Arizona  
Corporation  
Respondent..

DOCKET NO. W-03512A-06-0407

DIRECT TESTIMONY OF MIKE  
PLOUGHE

Arizona Corporation Commission  
DOCKETED

JUL 19 2007

DOCKETED BY

ASSET TRUST MANAGEMENT, CORP.  
Complainants,  
v.  
PINE WATER COMPANY, an Arizona  
Corporation  
Respondent.

DOCKET NO. W-03512A-06 -0613

JAMES HILL and SIOUX HILL, husband and  
wife and as trustees of THE HILL FAMILY  
TRUST,  
Complainants,  
v.  
PINE WATER COMPANY, an Arizona  
Corporation  
Respondent.

DOCKET NO. W-03512A-07-0100

1       **Yes. The Milk Ranch Well is a very capable well and can consistently yield 150 gallons per**  
2       **minute and is capable of at least twice this production rate (300 gpm).**

3       8. Are you aware of the gallons per minute which the well can presently pump, if so, how many?

4       **Yes. As presently equipped, the well can readily pump the 220 gallon per minute capacity**  
5       **of the sand separator installed on the pump. However, for longer durations 140-150gpm**  
6       **provides for a safety margin relative to the sand separators capacity.**

7       9. Are you familiar with a well known as the SH3 well?

8       **Yes.**

9       10. If so, in what manner are you familiar with such well?

10       **Similarly to the Milk Ranch well I, via my firm Highland Water Resources Consulting Inc.**  
11       **"HWRC", was charged with the location of the well through all phases of completion and**  
12       **testing. In addition, I was charged with the filing of an assured water supply application**  
13       **with ADWR on behalf of the Strawberry Hollow Domestic Water Improvement District**  
14       **directly involving the SH3 well as a key water supply. The application was successful in**  
15       **resulting in the first ever 100 year water adequacy report to have ever been**  
16       **issued/designated in the Pine area.**

17       11. Are you aware of the production capabilities of the SH3 well? If so, what are they?

18       **Yes. The SH3 well is quite capable of pumping 50 gallons per minute as it is currently**  
19       **equipped and constructed. However, this well may in fact be capable of far more than 50**  
20       **gallons per minute as the capacity likely approaches 300 gallons per minute. The yield at**  
21       **SH3 is simply limited by the well's small diameter (6 inch) construction.**

22       12. Are you aware of the gallons per minute which the well can presently pump, if so, how many?

23       **Again, I believe this to be approximately 50 gallons per minute as currently equipped.**

24       13. The complainants each are seeking to have water supplied by the above mentioned wells, Mr.  
25       Pugel by the Milk Ranch Well and ATM by the SH3 Well. The ATM development needs water  
26       for 43 townhouses. Is there enough water in the SH3 well to provide water to these townhouses?

27       **Most assuredly there is.**

28       14. Is there enough water in the Milk Ranch Well to provide for the needs for the development  
29       proposed by Mr. Pugel?

**Most assuredly there is.**

1  
2 15. Will providing water to these 43 units in the Eagle Glen development diminish in any way the  
3 amount of water being provided to the other users of the SH 3 well?

4 **No. The amount of water required of the 43 units, even at a peak demand (17 gpm), is not**  
5 **a substantial volume with respect to the SH3 well's committed demands and demonstrated**  
6 **capability.**

7 16. To your knowledge, is the SH3 well located close enough to the facilities of Pine Water  
8 Company to make connection to it in a cost efficient manner?

9 **Yes.**

10 17. To your knowledge is the Milk Ranch Well located close enough to the facilities of Pine Water  
11 Company to make connection to it in a cost efficient manner?

12 **Absolutely, there is a water distribution main (4 inch or 6 inch) within 30 feet of the well.**  
13 **This would be a very simple and cost efficient connection.**  
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1 Original and 19copies mailed/delivered  
2 This 17th day of July 2007 to:

3 Arizona Corporation Commission  
4 Attn: Docket Control  
5 1200 W. Washington  
6 Phoenix, AZ 85007

7 Copies of the foregoing mailed/delivered  
8 This 5<sup>th</sup> day of April, 2007 to:

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